

13281 U.S. PTO  
031704

Patent  
Attorney Docket No. 030681-635

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number 21839

Sir:

Enclosed for filing is the utility patent application entitled:

THIN FILM ELECTRODE FOR FORMING OHMIC CONTACT IN LIGHT EMITTING DIODES AND  
LASER DIODES USING NICKEL-BASED SOLID SOLUTION FOR MANUFACTURING HIGH  
PERFORMANCE GALLIUM NITRIDE-BASED OPTICAL DEVICES, AND METHOD FOR  
FABRICATING THE SAME

16834 U.S. PTO  
10/801823  
031704

by the following named inventor(s):

June-o SONG; Dong-suk LEEM; and Tae-yeon SEONG

- ☒ Applicant(s) suggests Figure 1 for inclusion on the front page of the patent application publication and patent.
- ☒ Applicant(s) requests that the published application include the following assignment information:  
1) Samsung Electronics Co., Ltd., Gyeonggi-do, Republic of Korea; and 2) Kwangju Institute of Science and Technology, Kwangju-si, Republic of Korea

☐ Small entity status is claimed.

Also enclosed are:

DRAWINGS: 7 sheets of formal drawings        sheets of informal drawings

DECLARATION: ☐ will follow ☒ executed, is enclosed ☐ unexecuted, is enclosed

ASSIGNMENT: ☒ is enclosed ☐ will follow

**CLAIM FOR  
PRIORITY  
UNDER  
35 U.S.C. § 119  
and/or 365:**

☒ is made in the declaration ☐ is hereby made as follows

Country	Appl. No.	Filing Date MM-DD-YYYY
Republic of Korea	10-2003-0029073	05-07-2003

☒ certified copy(ies) enclosed ☐ certified copy(ies) will follow

**OTHER PAPERS:** ☒ A General Authorization for Petitions for Extensions of Time and Payment of Fees.

☒ An Information Disclosure Statement.

☒ An Application Data Sheet (ADS).

☒ Preliminary Amendment

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\_\_\_\_\_

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	17	MINUS 20 =	0	x \$18.00 (1202) =	\$ 0.00
Independent Claims	5	MINUS 3 =	2	x \$86.00 (1201) =	\$ 172.00
If multiple dependent claims are presented, add \$290.00 (1203)					\$ 0.00
Total Application Fee					\$ 942.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					\$ 0.00
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					\$ 40.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 982.00</b>

☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.

☒ A check in the amount of \$ 982.00 is enclosed for the fee due.

- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

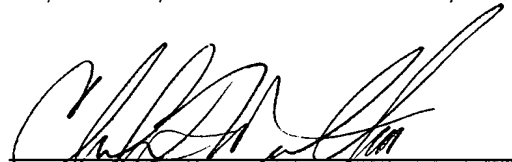
Burns, Doane, Swecker & Mathis, L.L.P.  
Customer Number **2 1 8 3 9**  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620  
Filed: March 17, 2004

By



Charles F. Wieland III  
Registration No. 33,096

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

June-o SONG et al.

Group Art Unit: Unassigned

Application No.: Unassigned

Examiner: Unassigned

Filing Date: March 17, 2004

Confirmation No.: Unassigned

Title: THIN FILM ELECTRODE FOR FORMING OHMIC CONTACT IN LIGHT EMITTING DIODES AND LASER DIODES USING NICKEL-BASED SOLID SOLUTION FOR MANUFACTURING HIGH PERFORMANCE GALLIUM NITRIDE-BASED OPTICAL DEVICES, AND METHOD FOR FABRICATING THE SAME

GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

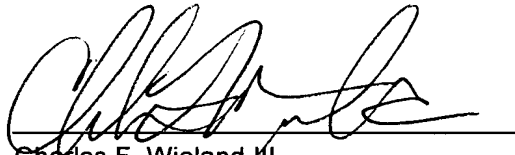
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